



# **IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: O'DELL et al. Application No.: 10/053,876 Filed: January 18, 2002 Title: DATABASE ENGINES FOR PROCESSING IDEOGRAPHIC CHARACTERS AND METHODS THEREFOR	Group Art Unit: 2621 Examiner: ALAVI, AMIR Docket: ZICOP004C1/ZI-0112 Confirmation No.: 7252
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## **INFORMATION DISCLOSURE STATEMENT**

### **US PATENT DOCUMENTS**

Examiner Initials	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant	Reference to Related Case
A.A.	1	6052482	2000-04-18	Arial et al.	
	2	5734750	1998-03-31	Arial et al.	
	3	6411948	2002-06-25	Hetherington et al.	
	4	5579408	1996-11-26	Sakaguchi et al.	
	5	6373473	2002-04-16	Sakaguchi et al.	
	6	6766179	2004-07-20	Shiau et al.	
	7	5109352	1992-04-28	O'Dell, Robert	
	8	6801659	2001-06-04	O'Dell	

### **FOREIGN PATENT DOCUMENTS**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
A.A.	9	GB2161004 (Physical copy of document furnished on November 24, 2004)	1986-01-02	United Kingdom	H03M	11/00	✓	
	10	GB2100899 (Physical copy of document furnished on November 24, 2004)	1983-01-06	United Kingdom	G06F	3/023	✓	

### **OTHER DOCUMENTS**

Examiner Initials	Cite No.	Author, Title, Date, Place (e.g. Journal) of Publication	T
A.A.	11	Leon, N.H., <i>Character Indexes of Modern Chinese</i> , Institute of Asian Studies Monograph Series, No. 42, Curzon Press. (Physical copy of document furnished on November 24, 2004)	
	12	Darragh J. J. et al. 'The Reactive Keyboard: A Predictive Typing Aid' <a href="http://pharos.cpsc.ucalgary.ca/Dienst/Repository/2.0/Body/ncstr1.ucalgary_cs/1989-371-33/pdf">http://pharos.cpsc.ucalgary.ca/Dienst/Repository/2.0/Body/ncstr1.ucalgary_cs/1989-371-33/pdf</a> . Originally published: Computer, US, IEEE Computer Society, Long Beach, CA vol. 23, No. 11, Nov 1, 1990, pp 41-49. (Physical copy of document furnished on November 24, 2004)	
	13	Masui T: 'An Efficient Text Input Method for Pen-Based computers' CHI Conference Proceedings, Human Factors in Computing Systems, US, NY, NY: ACM, 1998, pp. 328-335. (Physical copy of document furnished on November 24, 2004)	
	14	US Patent Application No.: 10/054,673 Title: 'Systems and methods for inputting ideographic characters' Filed: January 1, 2002 First Inventor Name: O'Dell	


A. A. ↓	15	US Patent Application No.: 10/055,707 Title: "Systems and methods for inputting ideographic characters using arbitrary element strokes" Filed: January 22, 2002 First Inventor Name: O'Dell	
↓	16	US Patent Application No.: 10/078,254 Title: "Systems and methods for inputting ideographic characters using alternative language inputs" Filed: February 15, 2002 First Inventor Name: O'Dell	

Examiner Signature	A. A. A.	Date Considered	4/28/05
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# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	DATABASE ENGINES FOR PROCESSING IDEOGRAPHIC CHARACTERS AND METHODS THEREFOR						
<p>Application Number : 10/053876 </p> <p>Confirmation Number: 7252</p> <p>First Named Applicant: Robert O Dell</p> <p>Attorney Docket Number: ZICO-P004</p> <p>Art Unit: 2623</p> <p>Examiner:</p> <p>Search string: ( 6052482 or 5734750 or 6411948 or 5579408 or 6373473 or 6766179 or 5109352 ).pn</p>							
<b>US Patent Documents</b>							
<b>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</b>							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
3.A.	1	6052482	2000-04-18	Arial et al.		382	187
	2	5734750	1998-03-31	Arial et al.		382	202
	3	6411948	2002-06-25	Hetherington et al.		707	2
	4	5579408	1996-11-26	Sakaguchi et al.		382	187
	5	6373473	2002-04-16	Sakaguchi et al.		345	173
	6	6766179	2004-07-20	Shiau et al.		455	566
✓	7	5109352	1992-04-28	O Dell, Robert		715	542
<b>Signature</b>							
Examiner Name				Date			
Amir ALavi				4/28/05			

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Examiner Initials	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant	Reference to Related Case

**FOREIGN PATENT DOCUMENTS or PUBLISHED FOREIGN PATENT APPLICATION**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
A.A.		GB2161004	1986-01-02	United Kingdom	H03H	11/00	✓	
✓		GB2100899	1983-01-06	United Kingdom	G06F	3/023	✓	

**OTHER DOCUMENTS**

Examiner Initials	Cite No.	Author, Title, Date, Place (e.g. Journal) of Publication	T
A.A.		Leon, N.H., "Character Indexes of Modern Chinese", Scandinavian Institute of Asian Studies Monograph Series, No. 42, Curzon Press	
		Darragh J. J. et al. 'The Reactive Keyboard: A Predictive Typing Aid' <a href="http://pharos.cpsc.ucalgary.ca/Dienst/Repository/2.0/Body/ncstrl.ucalgary_cs/1989-371-33/pdf">http://pharos.cpsc.ucalgary.ca/Dienst/Repository/2.0/Body/ncstrl.ucalgary_cs/1989-371-33/pdf</a> . Originally published: Computer, US, IEEE Computer Society, Long Beach, CA vol. 23, No. 11, Nov 1, 1990, pp 41-49	
✓		Masui T: 'An Efficient Text Input Method for Pen-Based computers' CHI Conference Proceedings, Human Factors in Computing Systems, US, NY, NY: ACM, 1998, pp. 328-335.	

Examiner Signature	Date Considered
A. ✓ A. ✓	4/28/05